



Winter (Dec-Feb) 2022-2023 Climate Summary

Winter (Dec-Feb) 2022-2023 Precipitation Highlights:

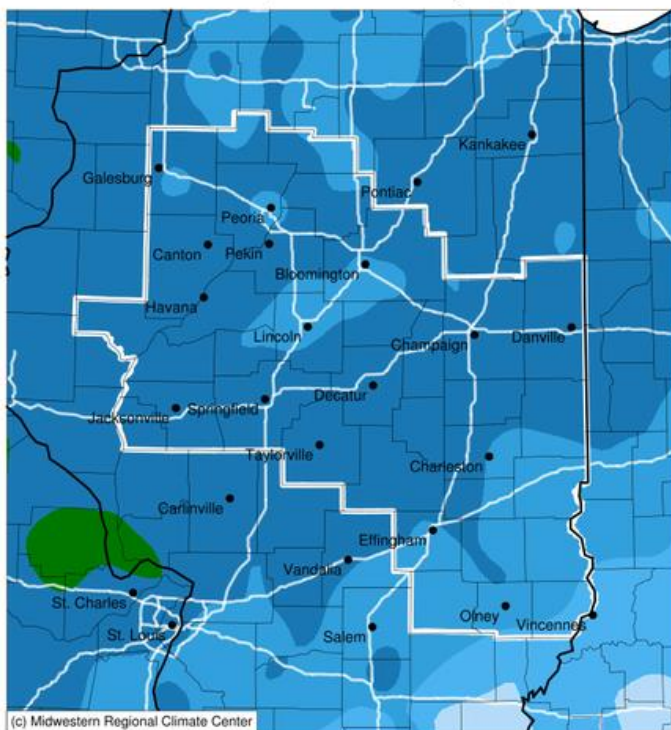
Precipitation was above normal near and north of a Havana to Bloomington line and also in extreme southeast IL near and south of Lawrenceville. Departures in these areas generally ranged from 1 to locally 3". Some of these locations received most of their rain at the end of February when storms brought heavy rain to the region. Lincoln, IL crushed their daily rainfall record from this event on February 22 when 3.40" was recorded (previous 1.06" in 1974). This also went down as the wettest February day ever on record and placed the 2023 month as the 3rd wettest February on record with a total of 4.69". Peoria, IL also set a daily rainfall record on February 22 with 1.41" (previous was 1.06" in 1990).

Elsewhere, precipitation was generally below normal with departures between 0.5-1".

Lincoln, IL experienced its 11th wettest winter on record with a total of 9.34" recorded. The normal rainfall for the winter season in Lincoln is 6.38".

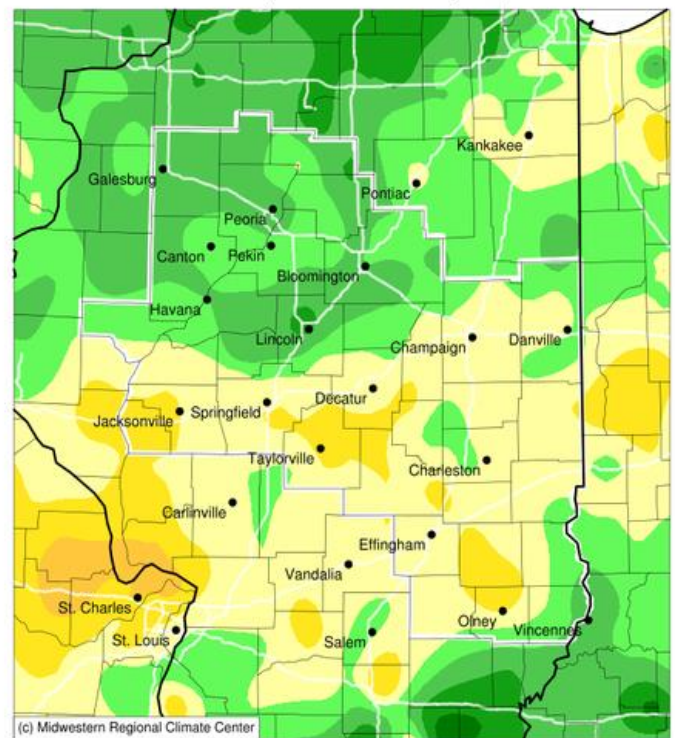
Accumulated Precipitation (in)

December 01, 2022 to February 28, 2023



Accumulated Precipitation (in): Departure from 1991-2020 Normals

December 01, 2022 to February 28, 2023



0.01 0.1 0.5 1 1.5 2 3 4 5 7.5 10 12.5 15
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 3/1/2023 8:58:56 AM CST

-2 -1 0 1 2 3 4 5 6
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 3/1/2023 8:59:53 AM CST

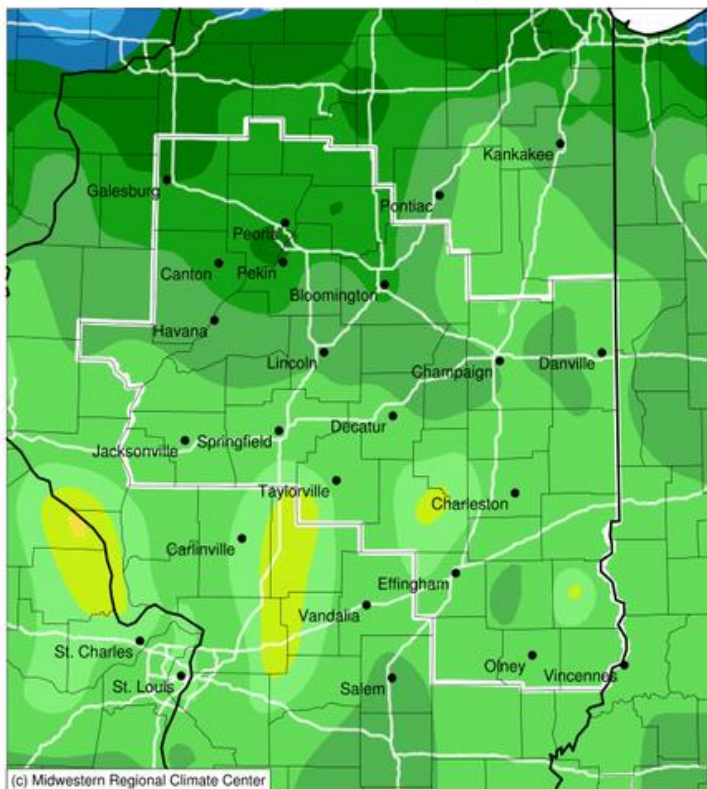


Winter (Dec-Feb) 2022-2023 Snowfall Highlights:

Snowfall areawide was well below normal for the winter season with departures ranging from -5 to -15. Peoria, IL observed 12.7" of snow, with 8.6" of this in January. A daily snowfall record was set in Peoria on January 25 with 5.3". Lincoln, IL recorded 5.7" during the 3 month winter period, which is 11.1" below normal. Springfield, IL only saw 3.8" of snow between December-February, which will go down as the **7th least snowiest** winter on record for the city. The normal snowfall for Springfield, IL is 17.1" during the winter months.

Accumulated Snowfall (in)

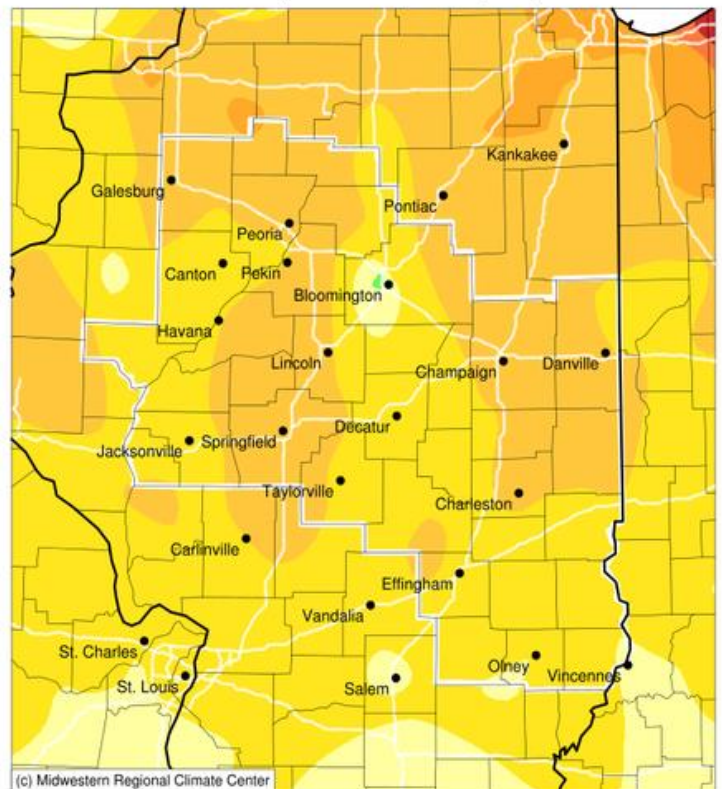
December 01, 2022 to February 28, 2023



(c) Midwestern Regional Climate Center

Accumulated Snowfall (in): Departure from 1991-2020 Normals

December 01, 2022 to February 28, 2023



(c) Midwestern Regional Climate Center

0.01 0.5 1 2 3 5 7.5 10 15 20 25 30 40
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI,
Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 3/1/2023 9:00:53 AM CST

-30 -25 -20 -15 -10 -5 0
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI,
Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 3/1/2023 9:02:04 AM CST



Winter (Dec-Feb) 2022-2023 Temperature Highlights:

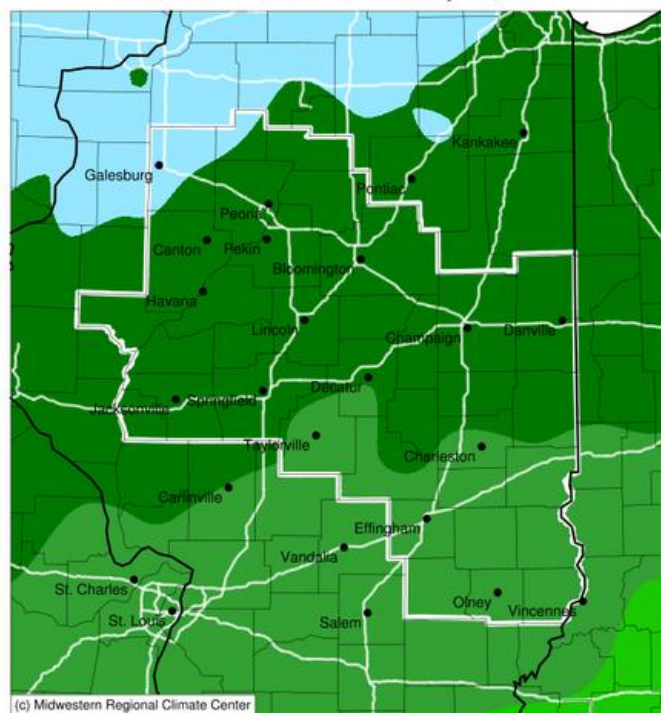
Temperatures were warmer than normal with much of the area seeing departures of +3F to +6F. Record high temperatures were set at all 3 climate sites (Peoria, Springfield, and Lincoln) on January 3 when temperatures surged into the middle to upper 60s. This was the same day that 9 tornadoes occurred in the state of IL, which is the most January tornadoes to happen since January 7, 1989 when 8 tornadoes occurred.

Lincoln, IL experienced its 7th warmest winter on record with an average temperature of 33.9F (normal is 29.3F). The 8th warmest winter on record occurred in Peoria, IL with an average temperature of 33F (normal is 28.8F). This is also tied with the 1982-1983 and 1930-1931 winters in Peoria.

Other notable records during the winter months include: 5th warmest January in Lincoln with an average temperature of 34.7F, 6th warmest January in Peoria with an average temperature of 33F, and 9th warmest January in Springfield with an average temperature of 35.1F.

Average Temperature (°F)

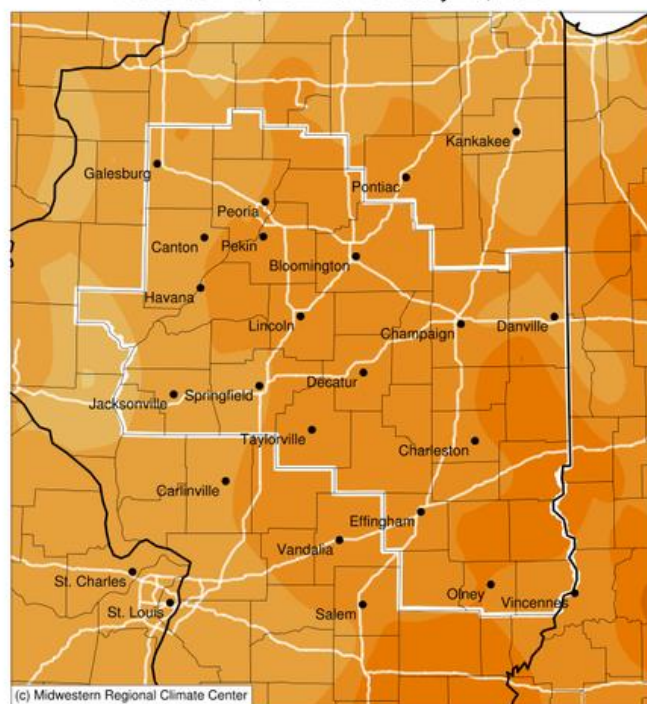
December 01, 2022 to February 28, 2023



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 3/1/2023 9:02:55 AM CST

Average Temperature (°F): Departure from 1991-2020 Normals

December 01, 2022 to February 28, 2023



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 3/1/2023 9:03:35 AM CST



Climate Statistics for Winter (Dec-Feb) 2022-2023:

| Site | Precipitation (inches) | Departure from Normal | Temperature (F) | Departure from Normal | Snowfall (inches) | Departure from Normal |
|--------------|---------------------------|-----------------------------|--------------------|-----------------------------|----------------------|-----------------------------|
| Charleston | 7.75 | -0.27 | N/A | N/A | 4.2 | -12.4 |
| Danville | 7.06 | -0.38 | 34.2 | 3.7 | 2.1 | -10.2 |
| Decatur | 6.21 | -0.59 | 34.0 | 4.0 | N/A | N/A |
| Effingham | 8.10 | -0.04 | N/A | N/A | 3.7 | -8.6 |
| Galesburg | 7.05 | 1.35 | 28.5 | 3.2 | 9.7 | -11.8 |
| Jacksonville | 4.43 | -1.20 | 33.7 | 3.6 | 4.6 | -8.3 |
| Lincoln | 9.34 | 2.96 | 33.9 | 4.6 | 5.7 | -11.1 |
| Normal | 5.85 | -0.87 | 30.2 | 2.6 | 8.9 | -7.7 |
| Olney | 9.30 | -0.29 | 37.2 | 5.0 | 4.1 | -4.8 |
| Paris | 7.38 | -0.61 | 34.3 | 5.9 | 3.4 | -12.8 |
| Peoria | 7.75 | 1.49 | 33.0 | 4.2 | 12.7 | -8.1 |
| Springfield | 6.30 | 0.19 | 34.6 | 3.6 | 3.8 | -13.3 |
| Taylorville | 6.50 | -0.22 | N/A | N/A | 3.1 | N/A |
| Urbana | 7.55 | 0.66 | 33.0 | 4.2 | 5.1 | -12.0 |

The following links are the monthly climate summaries for area cities. Only the summaries for Peoria, Springfield, and Lincoln are considered "official", meaning they are the station of record for their respective locations. The other summaries are "supplemental", meaning another location in the area is the official climate station for the city.

[Peoria](#) -- Peoria International Airport

[Springfield](#) -- Abraham Lincoln Capital Airport

[Lincoln](#) -- National Weather Service Office

[Champaign](#) -- University of Illinois-Willard Airport

[Decatur](#) -- Decatur Airport

[Lawrenceville](#) -- Lawrenceville-Vincennes International Airport

[Mattoon](#) -- Coles County Memorial Airport

Climate data for other cities is available at <http://w2.weather.gov/climate/xmacis.php?wfo=ilx>



Spring 2023 (Mar-May) Look Ahead:

- Official outlooks from NOAA's Climate Prediction Center (CPC) for the upcoming spring season in central Illinois show near to slightly above normal temperatures and above normal precipitation.

